# SDMS US EPA Region V

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Rev. 07/10/02

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)			
	REPORT NO.	099	
PROJECT	DATE	1 February, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR	WEATHER	Cloudy, Temp. 38°F	
O'Brien Gere			

#### CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: Continue samping CS-C and CS-B (Weston took splits at CSB-S1 and CSB-S2)
- 3) Background Sampling: Complete

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Ice, cold weather, and deep water are hindering sampling efforts.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO YES finding of fact?

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Sample location 35 in CS-F was not taken due to no sediment recovery. This station will be skipped until further notice.

Information, instructions or actions taken not	covered on	QCR report or disagree	ment:
1) None			
SAFETY: (Include any infractions of approved a From Government personnel. Specify corrective			uctions
1) None			
			:
REMARKS: (Include visitors to project and misc	ellaneous re	marks pertinent to wor	k.)
Mike McAteer has an appointment to meet with W the property.	iese's lawye	er next week to discuss	access to
			4
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
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E.M//	02-01-00		
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# SAFETY MEETING FORM (sediment sampling)

COND	UCTED BY / CO	MPANY : DE	Haverdink /	O'Brien + Gare	
			•	PROJECT LOCATION	CS-C *B
VEAT	HER partly	cloudy	_ PRECIPITA	ATION <u>ACAR</u>	TEMPERATURE ~2
IUMB	ER OF HOURS	WORKED		_ NUMBER OF EMPLOY	EES
	CHEDULED WO		E SECTION OF I	ESP & HASP	
3 F	HEALTH AND SA	FETY ISSUES	WITH SCHEDUL	ED WORK:	
	OMMENTS:	HAND SAFETY	ISSUES REQUI	RING ATTENTION	
0	Sediment	sampling +	sed depth	Measure mot	
0	FSP # 5.	20	HASP 4	'2, 9	
?	Pales tal	contact with	d imagetal	calinand to 1 rates .	breathing of impacted
	Va fors ;	5/195 / HODE	fells in	to water or down t	the book; Muscle strain;
	Cold weather		· · · · · · · · · · · · · · · · · · ·		
<i>Y</i>	PR is few	el D with 1	ubber beets o	or waders (depending	on creek conditions) as
	breathing Z	Me usika to	to PID	e vests in Weter a	gloves air monitoring
	break as	appropriate			, , ,
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	ED KENTER	(1)()	EMPLOYEES	SIGNATURE	ABB
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<u>Cg</u>	in Wellen	EMMY3	- Long	grelloffor	OBG
Ho	Ray Ser			1. Thos	0/3 6
Sylv	Audrew T. L.	14 74	Agr. Co	1 14	CAPOKIA P.D
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#### SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

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Date	Name	Organization	Phone #	Time In !	110
11-00	Dave Haverday	OBG	3/4-280-6475	0.700	A TEST
1100	Mck lenkins	0 1510	314 847 4550	0705	<b>建筑</b>
1.00	ADAM KAISER	0.66	314 842 4550F	STREET, SANS TO PARTIE OF	Tell of the control
140D	Colon Wellencom A	္ဌန္	314 84 5 4550°		的影響。
-00	CHAD KRIETER	<b>08</b> 6		D70=	11分子。
10100	Mike Reece	086		0700	
1666	\$ 501 Andrew Lange 74	Cahokia PD	618 337-9505	6700	
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SITE VISITOR LOG
Solutia Inc.
Bauget Area 1
(Please Print)

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#### DAILY WORK LOG

DATE OI FER OO

PRINTED NAME / SIGNATURE OF PREPARER / DATE

PROJECT NAME Soluta - Sauget Area / PROJECT LOCATION CS-BAC WEATHER partly cloudy PRECIPITATION NONE TEMPERATURE ~38°F ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN) INSTRUCTIONS RECEIVED FROM SOLUTIA INSTRUCTIONS RECEIVED FROM USEPA DEVIATIONS VISITORS (NAMES & TITLES) EQUIPMENT **LUNCH MEETING COMMENTS:** 8 UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) Performed sed. death measurements and collected sed. samples at 58-512 in CS-C: collected field dup. at 59 + SII: collected MS/MSD at 510 Performed sed depth measurements and collected sed samples at 51-55 in CS-B; collected spirt samples (W/E. Kener) at 52+53 None Now See insiturs log Support vehicles. He seguile. semple guilp. monitoring equip. None Nov OI FEBOU E. Kemper DETENSED LE LA GUERAN OI FEBOO IF ADDITIONAL SPACE IS REQUIRED.

RECORD ON REVERSE SIDE

Work Forec	ast for th	neday/wee	k: 2	12/00		<del></del>	D	ute: <u>2/</u>	1/00	_
Project Nam			•		Proje	et Loc	cation:	CS-B	, BORBL	PIT LAKI
Company N	ame:	O'BRIE	1 4 GE	KĒ	·· <u></u>					
1. List Wor	rk Items Ti <b>Nü</b> E	and Locati	ons Sche SAMPUA	duled for	Next Day	/Weel	k: DEGTH	MEASU	IPMENT	IN CS-B
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If ADDITONAL SPACE IS REQUIRED, RECORDON REVERSE SIDE

Name/Signature/Date of Preparer

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH TH			
	REPORT NO.	100		
PROJECT	DATE	2 February, 00		
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.			
CONTRACTOR	WEATHER	Cloudy, Temp. 42°F		
O'Brien Gere				

#### CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: OBG Sampled CSB-S10 (Weston Split) also returned to CS-D-S1 and CS-F-S35 This Completes Dead Creek Sediment Sampling.
- 3) Background Sampling: Complete

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) None

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO  $\underline{YES}$  finding of fact?

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Sample location 35 in CS-F was not taken due to no sediment recovery. This station will be skipped until further notice. These samples were taken today

Information, instructions or actions taken not covered on QCR report or disagreement:  1) None  SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)  1) None						
REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)						
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE			
Leave	02-02-00					

#### **DAILY WORK LOG**

DATE OZ PESOD

Harris (A.A.) (A.A.)

PROJECT NAME Solutia - Souget Area | PROJECT LOCATION (S-B, D, F WEATHER Partly cloudy PRECIPITATION NONE TEMPERATURE ~429 NUMBER OF HOURS WORKED 62 NUMBER OF EMPLOYEES 7 1 ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN) INSTRUCTIONS RECEIVED FROM SOLUTIA INSTRUCTIONS RECEIVED FROM USEPA DEVIATIONS VISITORS (NAMES & TITLES) 6. EQUIPMENT 7. LUNCH MEETING COMMENTS: 8 UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) 9 REMARKS: Collected sed- samples from the following locations:

CS-P + 56-510; MS/MSD @ 89; FD@ 510; split semp. u/ E. Kenner @ SID رک د 535 · CS-F None None None See visites lug Samp. equip., Has equip, monitoring equip., support vehicles None Nove None LC: K. Par DZFEBOO DEHarodink DE Horan OR BORD IF ADDITIONAL SPACE IS REQUIRED. PRINTED NAME / SIGNATURE OF PREPARER / DATE RECORD ON REVERSE SIDE

and the **State of the State of** 

# SAFETY MEETING FORM (Sediment Sampling)

CONDUCTED BY / COMPANY :	E Haverdink /	O'Brien Gere	DATE <u>02 FEB 00</u>
PROJECT NAME Solution - Se			CS-B. Borrow p.7 lake
WEATHER	PRECIPITA	TION home	TEMPERATURE ~12%
NUMBER OF HOURS WORKED _		NUMBER OF EMPLOYE	ES
1. SCHEDULED WORK: 2. REFERENCES TO APPROPRIA 3. HEALTH AND SAFETY ISSUE 4. SPECIFIC HEALTH AND SAFE 5. COMMENTS:	S WITH SCHEDUL	ED WORK:	
1 Soliment sampling	+ sed. depth	measure ment	
(D) FSP # 5.20	HASP #	2. 9 ·	
D Potential contact we waster; stops / to cold weather effects	is / fells int	seliment + water; to water or down the	breathing of impacted  book; muscle strain;
Drake as appropriate	ess esnille decon		of creek conditions) and a grows air monitoring in a ft. deep, was wing the deep that with courtism in the
ATTENDANCE:			
EMPLOYEE NAME (print)	EMPLOYEES	SIGNATURE	COMPANY
Cain Lieuenkans	Cox M	1000 U	SOLITIA
CHO KLETER	2223		084
Mike Reeco	mil	et-Relie	086
Mak Jenkins	MA	ak de la companya de	0156
DAVID HENE	- Laugh	dis .	Cahokia PII
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		02 FEB 00	DATE

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Work Forecast for the day week: OFFEBOO	Date: <u>62 F&amp; <b>B</b>00</u>
Project Name: Shates - Sauget Area / Project Location	: Boros pitlate; SEN
Company Name: OBG	
1. List Work Items and Locations Scheduled for Next Day Week:	
· Collect sed. samples in borrow pit lake	
· Lay out boundary trenches on Site N	
ν. Δ	
CC: K. Perry 02 FEB00 E. Kemper @ 1800	
200/ (1. (1. (1. (1. (1. (1. (1. (1. (1. (1.	

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

Name/Signature/Date of Freparer

### SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time In	Time Out
7-2-00	COLIN WELLENKAMP	2K	8434550	0770	1807)
3-2-20	BILLINE GHT	ODG	342-4550	CQ'O	1800
	CHAN KRIETER.	OBC		0720	1738
2-2-25	MIKE REECL	CB (-		0700	
	LAKEN FLIN,	MINKIN PO		シアン・	1730
2-2-00	Adon Kais,	6,36		07:30	17.30
2-3-00	MARK CARAN	261	6641700	0800	7
7-3.00	Depatrys Hamphin	ZCI XFW)	664 1900	0800	) 
	Euk Kin-	X FW.)		330	17:00
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#### SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time In	Time Out
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2/2/2:	CHOID ISRIETTIC	094		C) 700	1800
2/2/00	Mile Reece	AB€		0700	1800
2-2-0)	Dave Hawsdonk COLIN VRICENCIAN	OK,	314 280 6435	0705	1400
3-1-20	COLIN PRICEDERAY	736	112 450	7723	1800
2-2-00	Ada Kaisa	(1 . Š <u>c</u>		0776	1800
7-2-4:	NICK 5 ILM	<u>(i_1)</u>		7/0	1700
3/3	David Hamas	Chihakis 771)	331-71505	0710	1650
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INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	101	
PROJECT	DATE	3 February, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.	,	
CONTRACTOR	Weather	Cloudy, Temp. 42°F	
O'Brien Gere			

#### CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: Borrow Pit Lake Sampling (Weston Split BPL-S5)
- 3) Background Sampling: Complete

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) None

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO  $\underline{YES}$  finding of fact?

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Sample location 35 in CS-F was not taken due to no sediment recovery. This station will be skipped until further notice. These samples were taken today

Information, instructions or actions taken not  1) None	covered on	QCR report or disagree	ment:
SAFETY: (Include any infractions of approved s From Government personnel. Specify corrective			ructions
1) None			
REMARKS: (Include visitors to project and misc	ellaneous re	marks pertinent to wor	:k.)
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
Elken	02-03-00		

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#### DAILY WORK LOG

12-03-00

SAUGET LANE SAUGEL ANDA MEST-ER Cloudy NUMBER OF HOURS WORKED NUMBER OF EMPLOYEES TEMS WORKED ON (ITEM NO , DESCRIPTION STA NSTRUCTIONS RECEIVED FROM SOLUTIA INSTRUCTIONS RECEIVED FROM USEPA DEVIATIONS VISITORS (NAMES & TITLES EQUIPMENT LUNCH MEETING COMMENTS UNUSUAL EVENTS (FIRE, FLOOD STORM LABOR DISPUTES ETC. REMARKS none 11010 IF ADDITIONAL SPACE IS REQUIRED. PARER / DATE RECORD ON REVERSE SIDE

( sediment sampling ) DATE 02-03-00 CONDUCTED BY / COMPANY WE Wright / Brien abere Sausef =90 JEST NAME Solution Sauget Areal MEST-ER Cloudy 35-NUMBER OF HOURS WORKED. NUMBER OF EMPLOYEES SCHEDULED WORK REFERENCES TO APPROPRIATE SECTION OF FSP & HASP HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTEN COMMENTS Sodinent sompling FSP # 5.20 HASP # 2.9 Polential contact with impacted sediment + water breathing of impacted slips / trips / falls into water or down the bank, music stran PPE is fevel D with rubber books or waders (depending on creek conditions) trucks or aptons during sampling, chamical resistant gloves. breathing zone using the PID, the yests in wefer over 2 in water Sugregate waster, gross egalo decon before leaving creek, down with souton in the area. Smoking in support relider and ENDANCE OYEE NAME Land MARK (REEN 2 E-1 HAD KRIETER Adams Kalsu Reeve LARRY A. FLINN F. Kemiler F ADDITIONAL SPACE IS REQUIRED. RECORD ON REVERSE SIDE

SAFETY MEETING FORM

#### THE AIRMAN THE

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#### SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

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1	William E. Wrich	0136	280-6834	10700	1750
L. CHIP	Mike Peece	OBG	/	0700	1700
14.40	Chud KRICtor	0 B 6		النظر ف	1700
· · · · · ·	Dave Haverank	B6	314 240 6435	0705	1700
11/100	Adin Kaise	0 B C	2 - 2-45 c	0710	1716
THE CH	COWN WILLENAMAN	200	`	0710	1750
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INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	102	
PROJECT	DATE	4 February, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR	WEATHER	Cloudy, Temp. 42°F	
O'Brien Gere			

#### CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: OBG collected surface water samples from Prairie Dupont Creek
- 3) Background Sampling: Complete

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) None

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO YES finding of fact?

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) None

Information, instructions or actions taken not 1) None	ot covered on	QCR report or disagree	ment:
SAFETY: (Include any infractions of approved From Government personnel. Specify corrective 1) None			ructions
REMARKS: (Include visitors to project and mis	cellaneous r	emarks pertinent to wor	rk.)
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
Elkeny	02-04-00		

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# DAILY WORK LOG

DATE 04 FEB 00

7547-E	= partly cloudy	PRECIPITAT	E. Awres aim.		== -33°F
	OF HOURS WORKED _	_		_	
ITEM	S WORKED ON (ITEM NO	D DESCRIPTION S	TA TO STA FOREMAN		
	RUCTIONS RECEIVED FF				
	RUCTIONS RECEIVED FF	ROM USEPA		The state of the s	THE RESERVE TO THE RE
	ATIONS ORS (NAMES & TITLES)			the second secon	
	PMENT				
	H MEETING COMMENTS	3		The state of the s	-
	SUAL EVENTS (FIRE, FLO		OR DISPUTES, ETC )		
9 REM	ARKS:				
<del></del>					
<u> </u>	Collected surface	Director samp	les upstream + c	downstream of	pad vak
	or surface water	fort Creek	aso collected	MSD, 450, 4 F	) samples
,	Collected conio.	blank for	od sampling in (	Old Agino du Por	+ Crack
•	Collected equip. Performed sed. de	ath measure me	nt in opder	ack downstream	n of
	Dead Creek - u	noble to get ,	recovery for a same	ele of thickest	sed.
	location.	J			
				No Section for the Contract of	
2	None				
4)	None None				
<del></del>	2000			Annual desired	-
(5)	See visitors log		· · · · · · · · · · · · · · · · · · ·		
<u></u>	J				
6	Samp eguip, H	5 eguip, mo	wtorn equip. , su	Apoit vehicles	
2 2 7	None				
<del>\$</del>	None			and the second section of the second section of the second section of the second section secti	
<u> </u>					-
	——————————————————————————————————————	V/ 5-0-			
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	E. Feapor	C 1700			
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				A STATE OF THE PARTY OF THE PAR	

Work Forecast for the day week: 07 FEBCO Date: 04 FEBCO
Project Name: Solutia - Sauget Area / Project Location: Old Pairre duPort Crk
Company Name: O' Bren + Gere
L. List W. rk Items and Locations Scheduled for Next Day Week:
· Collect sed-samples in Old Prairie du Pont Creek
· Prepare for trenching activities
CC: K. Perry 04 FERRO E. Kampor C (700)
E. Kanpor e (700
DEHarodines De James (104 FEBC
If ADDITONAL SPACE IS REQUIRED, Name/Signature/Date of Prepared

Work Forecast for the day week: 04-Feb-00 Date 03-Feb-00
Project Name: Sauget Thea ! Project Location: Sauget IL
Company Name: O Brien & Gere
1 List Work Items and Locations Scheduled for Next Day Week:
in Old Praire du Port Creek
Begin sustace water and sed sampling in Old Prairie du Pont Creek
4: K. Perry 04 Feb 00
E. Kemper C 0845

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

DE Havesdink JE Riverson 1 04Fc400
Name: Signature: Date of Preparer

Work Forecast for the day Neek: 07 FEB 00 Date: 04 FEB00
Project Name: Solution - Sauget Area / Project Location: Fill areas
Company Name: O'Brien + Gere
1. List Work Items and Locations Scheduled for Next Day/Week:
· Begin boundary fest trenching at Sik N
· Begin interior treaching in fill areas; conduct prep.  in spection my. for interior treaching
in spection mtg. for interior trenching
cc: K. Parry 64 FEBOD
cc: K. Perry 64 FETROD  E. Kerper @ 1015
<del></del>
and Angle of the

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

DE Haverdink DE Haverdon 04 FEBOO Name/Signature/Date/of Preparer

# PREPARATORY INSPECTION MEETING (Page 1/2)

Toject Name,b/ur/a \auabr	erdink 10 Brien + Gere	Date: 04 FEBOO
roject Name: Solutra - Sauget	Heal Idsk.	men sampling - broad scan
. Scheduled Work:	5ee be 6w	
. Equipment, Procedures, Personnel:	25	The second secon
Ref. To App. Sec. of FSP/HASP:	FSP # 5.20.4	HASP # 2.9
4. Issues that could arise and how to re		
5. Solutia comments:	Tr. S.F.	
EPA comments:	J1 11	
of the confluence of  OPDPC  Collect / Sample ~  For 2 total sedimen  Perform sod depth  Collection point so  refusal of manual push  at each samp / antion  3" dia.	Dead Creek and Old P.  200, upstream of con Pluence  At samples  Measure ments to channel  ample collected from the  to ID bottom of sed.; Ch.	thickest sed. pofile annel cross-section surveyed and to 1D sed.
	1.10	Δ'
needed to access samp.	locations; samp to collect same	before distream as fear
gross decon W/ water b	efore exiting	
gross decon W/Water b	locations; samp apstream refore exiting  Zambrana surveying possor	
gross decon W/Weter be OBG samp-personnel + ATTENDANCE:	efore exiting	nae/
Gross decon W/Weter by  OBG Samp- passance +  ATTENDANCE:  EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
Gross decon W/Water by  OBG Samp-personnel &  ATTENDANCE:  EMPLOYEE NAME (print)  Adam J. Karsa	Zambrana surveying person	nae/
GIOSS DECON W/WETER DE OPOS SAMP - POSSANNE! + ATTENDANCE: EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY  CB 6
gross decon W/Weter be  OBG samp-passance +  ATTENDANCE:  EMPLOYEE NAME (print)  A J., J. Kars,  Mike Reece	EMPLOYEE SIGNATURE	COMPANY  CB 6  OB 6
gross decon W/Weter be  OBG samp-passance +  ATTENDANCE:  EMPLOYEE NAME (print)  A J., J. Kars,  Mike Reece	EMPLOYEE SIGNATURE	COMPANY  OB 6  OB 6  OB 6
Gross decon W/Weter by  OBG Samp- Passanel +  ATTENDANCE:  EMPLOYEE NAME (print)  Adi, n. 7. Kais.  Mike Reece  CHAD KRETER  Chabin 7 Perry	EMPLOYEE SIGNATURE	COMPANY  OB 6  OB 6  OB 6
gross decon W/Weter by OBG samp-paseanel + ATTENDANCE: EMPLOYEE NAME (print)  A J. N J. Kers.  Mike Reece CHAD KRETER  Klanty Repros	EMPLOYEE SIGNATURE	COMPANY  OB 6  OB 6  OB 6
gross decon W/Water by  OBG Samp-pasonnel +  ATTENDANCE:  EMPLOYEE NAME (print)  Adv. J. Kars.  Mike Reeve  CHAD KRETER  Clarker Jerg  C! K. Perry Oy Festion  E. Kemper (2170)	EMPLOYEE SIGNATURE  Wike Perg  Chily 1-	COMPANY  OB 6  OB 6  OB 6
gross decon W/Weter by ODG samp-passanel + ATTENDANCE: EMPLOYEE NAME (print)  Adv. J. Kers. Mike Reece CHAO KRETER  Rauby 7 Pergo	EMPLOYEE SIGNATURE  Miho Peur  Mily Jan  Miko Peur  Mily John	COMPANY  CB6  OB6  OB6  Folia

DATE



SUBJECT:	1. Insp. Mtg. (Continued)	PAGE BY	DATE JOB NUMBER:
Sed	. Sampling - broad scan		
(B) s	eepage/		
G 4.	Sues:		
	· refusal due to non-sedim	ent, obstructions, e	k.
	resolve by selecting an ac		
	to break through obstrue		, , , , , , , , , , , , , , , , , , , ,
	insufficient volume for san		· 1 1/. 4 - /d/- 1
	volume from same depr		ion to collect additional
<u>5</u> 50	lutra comments		
	Sample types decorned with Ale	who, scrub, perable	Defer pose, prolipe roger
	w/ DI water		
D EPA	comments		
	MONE		

#### PREPARATORY INSPECTION MEETING

Conducted by/Company: DE Havesdink 10'1	
Project Name: Solution = Sauget Aven (	Task: Surf water samp - Old Prairied
1. Scheduled Work:	Sm data
2. Equipment, Procedures, Personnel:	See balow
	ESP# 5.21 HASP# 2.9
4. Issues that could arise and how to resolve:	
5. Solutia comments:	see below
6. EPA comments:	10 11
D Collect 2 surface water som place	in Old Agine du Port Creek, one 200
,	200' downstream of Dead Creek
2) Peristally sums tubin sample	le containers : theher invested colle
sande wil tubine submitted at 60	le containers, the depth below top of a for 5 min. Sollect sample into containers
Later pure w/ Deristaltic Aug	2 for 5 min collect sample into containers
down stream	The state of the s
ZERT. I ST.	
3) see abore	
V Essues: NOW	
5) San none	
6 none	
ATTENDANCE:	
EMPLOYEE NAME (print) EMPLO	YEE SIGNATURE COMPANY
Villiam Ellinget leftling	Ellist ODG
aid LRILENKAND' Path	toffer i ops
Clarker Peras Kiely	1 Sel tra
K. Perry 04 Rapas	
El Kenper C 1700	
	Tr// 1/897/
IF ADDITONAL SPACE IS REQUIRED,	PRINTED NAME SIGNATURE OF PREPA
RECORD ON REVERSE SIDE	_04 FEBOO
	DATE

#### SAFETY MEETING FORM

(sediment sampling)
(4 surf. water samp)
CONDUCTED BY / COMPANY DE Haverdank / O'Drien & DATE 04 FET 00 Old Prairie du Pont Creek PROJECT NAME Solution Sauget Area/ PROJECT LOCATION MEATHER Cloudy & windy PRECIPITATION flumies TEMPERATURE 426 F NUMBER OF HOURS WORKED. NUMBER OF EMPLOYEES SCHEDULED WORK: REFERENCES TO APPROPRIATE SECTION OF FSP & HASP HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION. DOMMENTS (L)Ediment sampling a surf. water samp. FSP = 5.20+5.21 HASP # 2.9 Potential contact with impacted sediment + water; breathing of impacted vapors; slips / trips / falls into water or down the bank; muscle strain PPE is level D with subbar books or waders (depending on creek conditions) and ty veks or aprens during sampling, chemical resistent gloves, air monitoring in breathing zone using the PID. The vests in Water over 2ft day Sugregate waster, gross equip decon before leaving creek, drive with courton in the smoking in support relider only ATTENDANCE EMPLOYEE NAME (print EMPLOYEE SIGNATU Williams E. Wight en vellenic 020 440 KRIBTE 0136 Capeko K-bestell K. Pens OY FUBOO · Kensor e 1700 EHarrodink Haver F ADDITIONAL SPACE IS REQUIRED PRINTED NAME / SIGNATURE OF PREPARER RECORD ON REVERSE SIDE 04 FEB 00 DATE

#### SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time In	Time Civil
STIE		So I UTIZ	314-674-3400		1040
07.00	Nek Jonkhis	956	314 845 4860	0700	1880
11-00		UB 4	314842 4680	0700	1800
-00		084	3,4845 4280	1	1800
11 00	DIE HUNE	Cappking PD	337-44.95	0700	<b>7</b> - 11 - 12 - 13
2	Done Howerdon	086	714-280-6475		18-cm
1 7	TINTEDESIS	0/36	78-180-6833	0 <b>7</b> 20	1300
57	Ken LATTERTO	MANTRICK		0900	
\$ 4	Mike MeAfres	U.S. EPA		1430	1500
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INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	103
PROJECT	DATE	7 February, 00
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.	
CONTRACTOR	Weather	Cloudy, Temp. 55°F
O'Brien Gere		

#### CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: OBG collected Sediment samples from Prairie Dupont Creek
- 3) Background Sampling: Complete

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) None

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO YES finding of fact?

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see OAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) None

Information, instructions or actions taken not	covered on	QCR report or disagree	ment:
1) None .			
SAFETY: (Include any infractions of approved some Government personnel. Specify corrective			uctions
1) None			
REMARKS: (Include visitors to project and misc	ellaneous re	marks pertinent to wor	k.)
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
Cilkena	02-07-00		

#### DAILY WORK LOG

DATE 2/7/00 PROJECTIVAVE SOLUTIA SAUGET PROJECT CONTON OLD PRAIRIE CREEK PRECIPITATION TO TEMPERATURE 56° WEATHER SUANY NUMBER OF HOURS WORKED -4.6NUMBER OF EMPLOYEES 5 ITEMS WORKED ON (ITEM NO , DESCRIPTION STAITO STAIFOREMAN) INSTRUCTIONS RECEIVED FROM SOLUTIA INSTRUCTIONS RECEIVED FROM USEPA DEVIATIONS VISITORS (NAMES & TITLES EQUIPMENT LUNCH MEETING COMMENTS 3 UNUSUAL EVENTS (FIRE, FLOOD STORM LABOR DISPUTES ETC. REMARKS COLLECTED PRARIE CREEK SAMPLES AT 00 STREAM OF None None Nono See visitor log Support vehicles; H+5 of samp. Nano None None 07 FEDOO CHAO KRIETER IF ADDITIONAL SPACE IS REQUIRED. RECORD ON REVERSE SIDE

Work Forecast for the	Ta) week: 2/8/	? C	Date.	2/3/00
Work Forecast for the Project Name: Soluto	SAUget A- Area	- / Project I	Location: SH	e N
Company Name: 0	Brien & Gere	Engineers	and a supplied a suppl	- No. annual and a second
List Work Items un Begin bounder	d Locations Schedul			-
	, ,	400		,
CC: K. Perzy E. Kemper	2/7/00 (C 2/7/00 (C	2 1800 2 1800		
	/	Mike Reece/M	Tike Ruce/	2/7/00

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

Name/Signature/Date of Preparer

SAFETY MEETING FORM

(sediment sampling) (+ trending prep) DATE OF FEBOU CONDUCTED BY / COMPANY DE Haverdink O'Brien + Gere PROJECT NAME Solution - Sauget Areal Old Agirredy Port Creek: field ofc. PROJECT LOCATION MEATHER Clear TEMPERATURE ~JS% PRECIPITATION none NUMBER OF HOURS WORKED NUMBER OF EMPLOYEES. SCHEDULED WORK REFERENCES TO APPROPRIATE SECTION OF FSP & HASP HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION COMMENTS Soliment sampling + sod. depth measurement HASP # 2.9 FSP # 5.20 Potential contact with impacted sediment + water; breathing of impacted vapors; slips / trips / falls into water or down the bank; muscle strain PPE is level D with rubber books or waders (depending on creek conditions) trucks or aprens during sampling, chamical resistant gloves, air monitoring in breathing zone using the PID. The years in water over 2 ft. day Sugregate waster, gross equip- decon before leaving creek, drive with courton in the smoking in support vehicles only TENDANCE MPLOYEE NAME (brint EMPLOYEE SIGNATURE K Jankons NE HEINE CHARD KRIETEK K. Perry 07 FE\$00 Kemper IE Haverdink/ IF ADDITIONAL SPACE IS REQUIRED. RECORD ON REVERSE SIDE FEB 00 DATE

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WII	LL BE ATTACHED TO OR FILED WITH THE QAR.
	REPORT NO.	104
PROJECT	DATE	8 February, 00
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.	
CONTRACTOR	WEATHER	Cloudy, Temp. 45°F
O'Brien Gere		

## CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: Complete
- 3) Background Sampling: Complete
- 4) Boundary Trenching: OBG Conducting Boundary Trenching on Site N and will go back to Site G and do additional trenching to the South to identify the fill boundary. Excavated to approximately 12 feet deep at the North Boundary at Site N some concrete and debris an old tire no PID readings and did find native soil.

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) None

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO YES finding of fact?

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) None

Information, instructions or actions taken not	covered on	QCR report or disagre	ement:
1) None -			
SAFETY: (Include any infractions of approved s From Government personnel. Specify corrective			ructions
1) None			:
REMARKS: (Include visitors to project and misc	ellaneous r	emarks pertinent to wo	erk.)
Mike McAteer with IEPA had a meeting with Solu	tia then we	nt to witness some tre	nching at
Mike McAteer with IEPA had a meeting with Solu Site N.	tia then we	nt to witness some tre	nching at
	tia then we	nt to witness some tre	nching at
	tia then we	nt to witness some tre	nching at
	DATE	SUPERVISOR'S INITIALS	DATE
INSPECTORS'S SIGNITURE		SUPERVISOR'S	
Site N.	DATE	SUPERVISOR'S	
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S	

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## DAILY WORK LOG

	DATE 08 FEBOO
DIEST NAME <u>Solution Gauget April ===0.EST.LOSAT.S</u>	54N
ATHER faith cloud PRECIPITATION PORE	75MP5517UF5 ~ <u>40%</u>
MBER OF HOURS WORKED <u>46.5</u> NUMBER OF EMPLO	.rEES <u>≦</u>
ITEMS WORKED ON (ITEM NO   DESCRIPTION STATOSTA FOREMAN INSTRUCTIONS RECEIVED FROM SOLUTIA INSTRUCTIONS RECEIVED FROM USEPA DEWATIONS VISITORS (NAMES 3 TITLES)	
EQUIPMENT LUNCH MEETING COMMENTS UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)	
REMARKS:	
· Conducted prop insp mig for houndary wonching · Completed 2 franches TN + W ) on Site 1/	
Trenching locations approved in Gold by K. Porry	
None	
None	
Sac visitous logs	
Track for ; support vehicles; monitoring Has equip.	
Mone	
None None None	
None	
CC: K. PORY OSTEBOO	
E. Ken per C 1830	
,	
	Company of the Compan

## SAFETY MEETING FORM

		DATE 08 FEBOO
NDUCTED BY / COMPANY	· · · · · · · · · · · · · · · · · · ·	- 1-0 mm mmmmm
OJECT NAME Solntia - S	PROJECT LOCATION	N <u>231</u>
ATHER <u>cloudy</u>	PRECIPITATION 6	TEMPERATURE - <u>ASS</u>
MBER OF HOURS WORKED _	NUMBER OF EMPLO	YEES
SCHEDULED WORK		
	IATE SECTION OF FSP & HASP	
	ES WITH SCHEDULED WORK	
SPECIFIC HEALTH AND SAFE COMMENTS	ETY ISSUES REQUIRING ATTENTION	
20141141514 - 2		
I Treaching in fill as	ear	
BP # 5.1		
( ) ( ) ( ) ( ) ( )	HASP# 2.1, 2.11	
Potential contact w	ith hazardous motorials and waste	s ; trench caving ; breathi
of impacted vapors	and dust; exposure to combusti slips/trips/fells; noise	ble gases; splatking of
impacted water;	slips/trips/fells; noise	
3Dr /211/6 2	/ /a a/ P / / aa - /a /: /	
TE IS TELLE C WIT	h rever 4 on - hand; use safe aist	inces morning around steach e
then Taking Photos	- Messurements; air monitoring in	breathing zone using 110, 4-9
KAM; upgrede/a	h level Bon-hand; use safe distante measurements; air monitoring in down grade PPE based on any monito	ring; lesp. certifiques are U.
observe exclueren a	alson cones	AND THE RESERVE AND THE PROPERTY OF THE PROPER
- :	16 (11 20 20 20 11	/: /-/
Visitors we to sign	in fout Uf Lanokin FU; smaking	TIMITED TO SUPPORT VENTERS
OBG / Solution	in fout uf Cahokin PD; smaking gregate wester; observe lines of	COMMUNICATION . MENTEGRAMA
TENDANCE		
PLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
	Wich walken	C. C.
WLANGETY	Con fort	MAURICK
ember y ferry	Klobsk	Solte
715 TEDESCO	Ltol. W	CBG
Ptlm Fric BA, las	Phys Ene Daily #86	2 HOLLIA N.D.
ELKERY		
Jon Dulle		- Heritage
Syont Kespinser	But Karsinge	
Dan Hans	Manuel T. Dan	<u> Deritese</u>
Mike Reece		
CHAN KELETER	mile Rue	<u> </u>
	Mile Run	08 G OB G
	Mile Real	086 018 9
	Mile Rece	086 OB G
	Mile Run	086 080
C: K. Farry 08.	FEDOD PLAN	086 08 0
C: V. FORMY DR.	TE\$000 [830]	086 089
C: V. Farry 08. E. Kemper C		086 089
L. Kemper C		086 080
L. Kemper @	/830	086 089
IF ADDITIONAL SPACE IS RE	76.39	JE Havender
E. Kemper O	QUIRED. DE Havesdink	JE Haurles / SIGNATURE OF PREPARER
IF ADDITIONAL SPACE IS RE	QUIRED. DE Havesdink / SIDE PRINTED NAME	
IF ADDITIONAL SPACE IS RE	QUIRED. DE Havesdink	
IF ADDITIONAL SPACE IS RE	QUIRED. DE Havesdink / SIDE PRINTED NAME	

## **WORK FORECAST**

Work Forecast for the day week: 09 F	Date: 08 FEBOO
Project Name: Solutia Sugat A	real Project Location: Sike 1, 546
Company Name: O' Biren + Ger	٧
E. Eist Work Items and Locations Schedu	iled for Next Day Week:
· Continue posforming b	our day fest frenching on Sixi
· Possible parform hour	day test then ching on 5 to 6
	••••••••••••••••••••••••••••••••••••••
E. Kenga C 1830	
	Dettowed ork Distance Resty

If ADDITONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Name/Signature/Date of Freparer

CL: K. Pany OT FEBOO

E. Kimper @ 1830 PREPARATORY INSPECTION MEETING

Conducted by/Company:	Haves dirk 10's	Prient Gere	Date: 🕖	FEBOO
Project Name: Soutra - So	anget Areal	Task: Ro	unday Fest Trenching	-51 Ks/ 6
1. Scheduled Work:				Maria de la companya del companya de la companya de la companya del companya de la companya de l
2. Equipment, Procedures, Pers	onnel:			
3. Ref. To App. Sec. of FSP/HAS	SP: FSP #	5.1 .1	HASP # 2.1	
4. Issues that could arise and ho	w to resolve:			
5. Solutia comments:				
6. EPA comments:			Monday - 15 - Pp. 17 - Value - 18 - Value -	
D. Boundary test trenching	- Site N. G.	(5. boundary)		
(2 Track have w/ 20 di	g depth + 40" bucke	t; levels B-	C APE on hand;	manitorry
instruments; begin	trenching in "na	tive area, se	gregate top -12'	from
subsweak in differ	rent-pites, max.	depth is gre	hund water or as	amited
by Ytrench caving,	trench toward fill	boundary to	identity non-native	materials;
Monitoring readings	back fill trend	h in reverse o	rder, segregate p	lastre
3) See above				
			***************************************	
Excavator Sinking / Shi	Fting: Workers St	as clear of ex	campor unle monny	; stay in
exe contact w/ a	ocretor to approach	french + exc	avetor	
File, gas emission, e	xplosion, drum ru	ptive: worke	rs to stay clear of	treach
edges, and observe	ue maniforma equil	o-readys, fir	e ext. on hand for	small Fires
A TOTAL NAME TO A NAME OF THE PARTY OF THE P			OVER	
	EMPLOYE	E SICNATIONE	COMPANY	
		ESIGNATURE	<del>/</del>	
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BENLAFFERTY	74 AUET	Chapter 1	TE LYASK	ige
Regular 7 1em	Mult		<u> </u>	
1 > e des co	571V	LL-	086	
2. Equipment, Procedures, Personnol:  3. Rel To App. Sec. of FSP/HASP: FSP # 5 / HASP # 2 /  4. Issues that could arise and how to resolve:  5. Solutia comments:  6. EPA comments:  6. EPA comments:  7. Poundary feet trenching Sirki N & G (5 branching)  8. Issue have been 10 big depth & M" bucket , levels B = C ME on hand; monitoring in the house of the process of the form of the process of the form of the process of the branch are or as families of the process of the				
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Dien Kessingee	Bunt	essingi		
	May 7	Han	HOTAGE	
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# (3) Solution comments:

record PID & other monitoring results as breathing rome on as "fill" as phopoline

Thesof communication : Herrings/UBG a OBG/Silvera

use (aboke PD) as appropriate to nothing as their ite, of five, etc.

## (C) EPA conners:

· Mik Michael & Tim Gonger may be on-six

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16

SITE VISITOR LOG

8 olutia Inc.
Sauget Area 1
(Please Print)

18.1				1.1	
11/4	Name	Organization	Phone #	Time in	A Party
ा विध		50/2 Mg	314-6743402	06 70	
高權	Com. Buc BATCEY	CAHOKIA f.D.	GIH- 337-9565	0655	/ 7.88
		MAUERICK		0650	
是限	the Dave Haverdin Lo	006	314-280-6435	0705	1800
1 13	Mike Recce	086		0700	八世界
(T.	Echal Krieter	0B6		070)	18
1011	Brent Kessimer	Heritage		D410	1
可持續	man Dulle	Heritase		0800	17200
	TOAN WAND	Herty.	3/4 -738- 3500	5500	105
	Pintodesc.	4/36	314390-6431	6730	1
	Nick Jenkins	060	3/4 845 4520	1000	
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					7,477,614.00

SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print) Site N boundary test transfirm

Date	Name	Organization	Phone #	Time in	Time Out
<b>以下。</b> (()	Exildenzer	REW		1:15	1450 h
2500	TinTesens	OB6	314-210-6433	1330	1353
116-00	Mike McAteer	U.S. EPA	312 886-1663	1515	1543
23400	Mike McAteer Teal Prescott	I EPA	217-782-6160	1515	1543
20000	Chudy Mon Ewin Kenjer	ILPA Illinio KfA	217 524-1664 217 785 939°	1515	1543
7.18 0	Canda Morn	DIMIS KAA	217785 939	1515	1543
5-8700	ERIK O Kenjer	えても		1519	1609
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Sauget, IL	· · · · · · · · · · · · · · · · · · ·	
	REPORT NO.	105
	DATE	9 February, 00
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.	
CONTRACTOR	WEATHER	Sunny, Temp. 72°F
O'Brien Gere		

## CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: Complete
- 3) Background Sampling: Complete
- 4) Boundary Trenching: OBG Conducting Boundary Trenching on Site N, finished boundary trenching to the south and west today. OBG will go back to Site G and do additional trenching to the South to identify the fill boundary.

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Received Magnetometer and Soil Gas Survey maps today from Solutia. These will be used to determine the locations for the interior Waste Trenching.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO  $\underline{\text{YES}}$  finding of fact?

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) None

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)			
) None			
EMARKS: (Include visitors to project and			
ouger mobilizes to site today. Erik Ker eston training.	mper demobilizes	after today, 2/9/00	to attend
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
_ /			
	02-09-00		

## DAILY WORK LOG

DATE 09 FE BOO

PROJECT NAME Solution - Sauget And   PROJECT LOCATION	5,22 N
NEATHER CRAS PRECIPITATION NORS	TEMPERATURE ~62°
NUMBER OF HOURS WORKED 46-5 NUMBER OF EMPLOYEES	5
1 ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)	
2. INSTRUCTIONS RECEIVED FROM SOLUTIA	
3 INSTRUCTIONS RECEIVED FROM USEPA 4 DEVIATIONS	
5. VISITORS (NAMES & TITLES)	
6. EQUIPMENT	
7. LUNCH MEETING COMMENTS:	•
8 UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)	-
9 REMARKS:	
O · Completed 2 boundary test trenches on Site N ( =	.+6.)
· Staked interior tranching location on Site N	
· Appared for future activities	
2 None	
3 None	· .
(4) None	
5 See visitors logs	
@ Track hoe. Has will monitoring aguip. Suppost i	
6 Track hoe, He S my monitoring equip. Support i	ZA, cler
7) Nove	
3 None	
9) None	
to plant	
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E. Kenor e 1800	
IF ADDITIONAL SPACE IS REQUIRED. DE Hard diak 102 The	alo 109 FEB 00
RECORD ON REVERSE SIDE PRINTED NAME / SIGNATI	JRE OF PREPARER / DATE

OFFICE AROUND OF

Solutia Inc. Sauget Area 1 (Please Print)

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Op	Phil Tollas	Code to the		えづるない	
TUN	book allering	inalia		0705	
-2	Nek Jankons	036	314 842 4550	07/0	18016
	B Kessinger	Hertrige		0715	1646
00	I. Dule '	. ( '		0715	1447
# Y	Crick	KIU		830	
W.	Timiconsu	930	34.819-8220	1200	18
00	Mike Mc Afor	US ÉPA		1320	1337
Ο.	Tim Gonge	USACE	424 213 - 25H	1324	1 96
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## WORK FORECAST

Work Forecast for the day week: 10 FE	Bod Date: 09FEBOC
Project Name: Solutia - Saugo - And	Project Location: 5,4 N
Company Name: OBren & Gere	
1. List Work Items and Locations Schedu	led for Next Day/Week:
· Perform prep. insp. n	nty for interior trenching
· Begin interior trench	ing at SiteN
· Mobilize interior tre	nching equip- to Sitel
· Lay out interior for	enching locations at remaining sites
· Dump soil into re staging area	elloff from drums at Judith En
CC: K. Peny 09 FEBOO E: Kenper @ 1800	
If ADDITONAL SPACE IS REQUIRED,	Havedink De Reverse 109 FEBO
RECORD ON REVERSE SIDE	/ / · · · · / · · · · · · / · · · · · ·

## **WORK FORECAST**

Work Forecast for the day/week? 14 FEBCO Date: 09/EBCO
Project Name: Solution - Sugget Area / Project Location: 6, H. I
Company Name: O'Bre + Gare
1. List Work Items and Locations Scheduled for Next Day/Week:
· Continue interior trenching at remaining sites
· Perform prep. insp. mtg. for alluvial agui for sampling
· Begin alluvial aguifer sampling activities
CC: K. Perry 09 FERROD
E. Kinger C 1800
If ADDITONAL SPACE IS REQUIRED. Name/Signature/Date of Preparer

Solutia Inc. Sauget Area 1 (Please Print)

171	Name	Organization	Phone #	THAIR	
10	Kimpony Pecis	So/Ha	314-674-7402	0600 OTHE	KIP COLOR
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SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Sife N boundary test trenching

Date	Name	Organization	Phone #	Time in	Time Out
02 09 00	John Rose	Her: tage		1:00,1	1:1394
2-9-00	Mike M'Ateer	U's. E.PA		1:430.	2 05 m
	Mike M'Ateer Erik Kira. Tim Gonga	RFW		1:43 3	7:05 DM
·	- Tim Govan	USALE		1430	7:05pm
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INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)			
	REPORT NO.	106	
PROJECT	DATE	10 February, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR	Weather	Cloudy, Temp. 60°F	
O'Brien Gere			

## CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: Complete
- 3) Background Sampling: Complete
- 4) Boundary Trenching (Follow up Inspection): OBG Conducting Boundary Trenching on Site N, finished boundary trenching to the south and west today. OBG will go back to Site G and do additional trenching to the South to identify the fill boundary.
- 5) Waste Source Trenching (Preparatory Inspection). OBG performed a preparatory inspection for waste source trenching today. Inspection was good. USACE provided comments concerning identifying and documenting label information on exhumed drums, containers, etc for cost recovery actions and to identify source of greatest magnetic anonmoly before before backfilling commences for any site. Solutia and OBG concured with the input.

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Follow Up Inspection (Waste Depth Trenching). Asked OBG to take digital photographs of bottom of excavation at Site N, which they did. Also, asked OBG is they took HNu or PID readings of exhumed stockpile as we smelled some off gas upon approaching the site. They indicated they had not to at the time. Lastly, several (about 6) smashed drums were removed from the excavation, the containers were empty. At least one drum had detectable readings on HNU\PID instruments. Do not know the results of remainder of barrels.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO  $\underline{\text{YES}}$  finding of fact?

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.

Information on progress of work, causes for dematerial, etc.	lays and ext	tent of delays, weather	, plant,
1) None			
Information, instructions or actions taken not	covered on	QCR report or disagree	ment:
1) None			
SAFETY: (Include any infractions of approved s From Government personnel. Specify corrective			uctions
1) None			
REMARKS: (Include visitors to project and misc	ellaneous re	marks pertinent to wor	:k.)
McAteer joins Gouger today for follow up inspe photographing the activity.	ction on was	ste source trenching.	Assists in
			:
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
	02-10-00		
			- <del> </del>

## DAILY WORK LOG

DATE 10 FEBOO PROJECT NAME Solution Souget Area/ PROJECT LOCATION SEN, Judith La-MEATHER Cloudy PRECIPITATION AGR a.m light TEMPERATURE ~629F NUMBER OF HOURS WORKED \_ 56 NUMBER OF EMPLOYEES 6 ITEMS WORKED ON (ITEM NO DESCRIPTION STA TO STA FOREMAN) INSTRUCTIONS RECEIVED FROM SOLUTIA INSTRUCTIONS RECEIVED FROM USEPA 4 DEVIATIONS VISITORS (NAMES & TITLES) EQUIPMENT LUNCH MEETING COMMENTS UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) REMARKS: Mobilized interior trenching equipment to Site L Staked trenching location at Site L Dumped soil from drums into 1011-0ff at Judith La. K. Perry approved field location of interior trench as SieN None Nono See visitors logs Track hoe, support venicles, drumdump equip, Has egrip, increase None 10 FEBOO

IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

PRINTED NAME SIGNATURE OF PREPARER I DATE

21! K. Pary 10FEBOO PREPARATORY INSPECTION MEETING

Conducted by/Company: DE Haves	Ink / O'Brien + Core	Date: 10 FEB 00
Project Name: Solutia - Sauget	frea Task: Bur	ied drum/tack 1D (interior trenching)
1. Scheduled Work:		
2. Equipment, Procedures, Personnel:		
3. Ref. To App. Sec. of FSP/HASP:	FSP # 5.5	4,45p # 2.1, 2.11
4. Issues that could arise and how to resol		
5. Solutia comments:		
6. EPA comments:		
D Buried drum & tank 1D	(interior trenching)	
(2) Track hoe w/ 20' dig depr	4 40" bucket, over	pack drups, levels B+C
		~ 12" from subsusface soil
2	<u> </u>	or as limited by soil stability,
	•	etre anomaly; intact draws
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		visible DOD 19601s, are not able
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possible, digita/photos,	Monitoring readings	back 511 in seriou order
of removal se gregate	plastiz minimize	tandling stisty bance of drums;
French locations scoked from		
(3 see above		
		And the second s
(1) Excavator sinking/shifting	40 That's stay clear of	Et cavator while moving stay in
eye contact u/ operator to		
ATTENDANCE:	explosion: Workers stay	clear of trench edges, OVER-
EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
CHOYRETER		086
Mike Reece	Mike Reice	936
Tim Tedesco	THP. W	OBC
Brent Kessinger	Brent Raphine:	
Tombulle	1000 B	HES
Tim Golger	time former	11ACE
Member 7 Pers	Miles 12	50/012
KEN LAFFERTY	(A) A4-	proverick
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NICK JENKINS	Mu gui	005 6

## (4) (continued)

Observe monitoring equip readings, five ext. on-hand for small fives, radio Cahotia PO for notification of with manageable spill response proper authorities for emergency response, Heritoise to deal

# (5) Solution comments:

- no open tracios un overpueked diums 16+ 0x 2 +8
- · level B aumiliable for OBG + Horseye

## 6 EPA comments

- treaches to bog in one of highest magnific anomaly and and proceed A COLOR awy him it
- The emphasis of importance of communication HAS Excapaled المعادمات فالمعما 2.7

## SAFETY MEETING FORM

(Treaching ; drumdump) DATE 10 FEB 00 CONDUCTED BY / COMPANY DE Haverdine PROJECT NAME Solutia - Sauget Area! PROJECT LOCATION STEN Judita Lo. WEATHER Cloudy PRECIPITATION Light rain off/on TEMPERATURE ~50°F NUMBER OF HOURS WORKED NUMBER OF EMPLOYEES 1 SCHEDULED WORK 2 REFERENCES TO APPROPRIATE SECTION OF FSP & HASP HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK 4 SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION 5 COMMENTS Trenching in fill areas; dump of soil drums @ Judita Ln. FSP # **5.5** HASP# 2.1 2.11 Potential contact with hazardous materials and wastes; of impacted vapois and dust; exposure to combustible gases; splatking of impacted water; slips/trips/falls; noise; drum supture Proched Engars/toes; slips/trips/falls; muscle strain; splashing , muscle strain : splashing or organized materials level C with level Bon-hand; use safe distances morning around treach, exp. then taking photos + measurements; air monitoring in breathing tone using PID, 4-gas RAM; upgrade / down grade PPE based on an monitoring; resp. cartridges are OV/Plac; observe exclusion a deson comes; Heritage in level B to over pack drums remove and over pack drums level D for drum dump Visitors we to sign in land ul Cahokin PD; smaking limited to support vehicles outson exclusion zone; segregate wastes; observe lines of communication: Heritage/0864 OBG / Solution ATTENDANCE COMPANY EMPLOYEE NAME (print) EMPLOYEE SIGNATURE CHAD KRIETER Ruce Mike Keece 036 in Tederes PAUE MILTON Brent Kessinger Mullar In Gouger 7 Per 2/4/a Sen LAFFEE MOUFRICK 10 FEBOO K. PONy Kenper @ 1900 It Have dink IF ADDITIONAL SPACE IS REQUIRED. PRINTED NAME / SIGNATURE OF PREPARER RECORD ON REVERSE SIDE LO FEB 00 DATE

## WORK FORECAST

Work Forecast for the day week:	Date: 10 Faboo
Project Name: Source + Same + Ang / Project Loca	ition: <u>5 ~ Z</u>
Company Name: DPG	
1. List Work Items and Locations Scheduled for Next Day Week	
· Perform in terior frenching at 54/	
· Mobilize trenching equip. to Size	2 6
	· -
	· · · · · · · · · · · · · · · · · · ·
CC: K. Perry 10 FEBOU	
E. Kemper @ 1900	
If ADDITONAL SPACE IS REQUIRED, Name/Signatur	re/Date of Preparer
RECORD ON REVERSE SIDE	•

## SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Name	Organization	Phone #	Time in	Time,Qu
Dave Haverdink	006	34-280-6425	0640	
Mes/a Pem	Sxlite	1314-674-2405	06 45	可能是所
TRIKE CEEK	986	1	900	1080
MO FRIEIGI	<b>්</b> ලි		0700	1830
12 17 12 1246	CAHOKINA A.S.	337-9505	0756	1700
then I arrecte	MANGELICK		mon	1/83.00
then tottedo	0136	314-2110-6133	6700	1730
115 Kessinger	Heritage		0715	7-704
ID. MILTON	HURITAGE		07:15	170018
Mar Oulle	Herifese		0)15	1700
Work Jenkins		314842 4550	0700	1830
Wm Eillright	0BG 0BG	314-842-4550	1510	1741
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## SITE VISITOR LOG

Solutia Inc.
Sauget Area 1
(Please Print)

SiteN interior trenching

Date	_ Name	Organization	Phone #	Time In	Time Out
2-10-00		USACE	402 293-2514	11/0	1240
2 · 10 · 00	mike Milliter	U.S. EPA	312 876 4663	1140	1240
10.00	Tim Gour	USACE	1/01 293 2134	(377	1334
2 10.00	MIKE MCATIZER	US (P)	312 200 4603	1322	1334
					1419
1.1					11
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INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)			
	REPORT NO.	107	
PROJECT	DATE	11 February, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR	WEATHER	Cloudy, Temp. 35°F	
O'Brien Gere			

## CQC Inspection phases attended and instruction given:

- 1) **Slug Testing:** all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: Complete
- 3) Background Sampling: Complete
- 4) Boundary Trenching (Follow up Inspection): OBG will go back to Site G and do additional trenching to the South to identify the fill boundary.
- 5) Waste Source Trenching (Preparatory Inspection). OBG performed a preparatory inspection for waste source trenching today. Inspection was good. USACE provided comments concerning identifying and documenting label information on exhumed drums, containers, etc for cost recovery actions and to identify source of greatest magnetic anomaly before backfilling commences for any site. Solutia and OBG concurred with the input.

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Follow Up Inspection (Waste Depth Trenching). OBG moved to Site L to begin interior Waste Trenching. Several drums pieces were located but were not removed OBG took Digital photos of the trench and its contents. Tim Gouger and Mike McAteer asked if they could get copies of the pictures and they were told they would.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO  $\underline{YES}$  finding of fact?

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

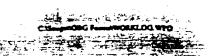
1) None

-					
Information, instructions or actions taken not covered on QCR report or disagreement:  1) None					
SAFETY: (Include any infractions of approved s From Government personnel. Specify corrective			ructions		
1) None					
REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)  McAteer joins Gouger today for follow up inspection on waste source trenching. Assists in photographing the activity.					
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE		
<i>[]</i>	02-11-00				

## DAILY WORK LOG

DATE // FEDOD

PROJECT NAME Solution Sauget Acal PROJECTION 146 MEATHER Cloudy NUMBER OF HOURS WORKED NUMBER OF EMPLOYEES 1 ITEMS WORKED ON (ITEM NO DESCRIPTION STAITO STAIFOREMAN) INSTRUCTIONS RECEIVED FROM SOLUTIA INSTRUCTIONS RECEIVED FROM USEPA DEVIATIONS VISITORS (NAMES & TITLES **EQUIPMENT** LUNCH MEETING COMMENTS UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) REMARKS Mobilized trenching equip. to Six G Perry approved interior trench location on Site L None Track hop, H+S eguip., monitoring equip., support vericles None None 11 5500 DEHaverdink / )) Z Haverdink / 11 FEBC PRINTED NAME / SIGNATURE OF PREPARER / DATE IF ADDITIONAL SPACE IS REQUIRED. RECORD ON REVERSE SIDE



## SAFETY MEETING FORM (Treaching)

		DATE // FEB 00
ONDUCTED BY / COMPANY :	E Havesdink / O'Bosen + Gore	
OJECT NAME Solutia - S	auget Area / PROJECT LOCATI	ION SiteL
ATHER <u>overcast</u>	PRECIPITATION	TEMPERATURE ~34°F
MBER OF HOURS WORKED _	NUMBER OF EMP	LOYEES
SCHEDULED WORK		
	ATE SECTION OF FSP & HASP	
HEALTH AND SAFETY ISSUE		
COMMENTS	ETY ISSUES REQUIRING ATTENTION	
lenching in fill are	eat	
BP# \$7,5.5	HASP# 2.1, 2.11	
Potential contact w	ith hazardous motorials and was	ter : transf coming i houthing
	and dust : exposure to combus	tible uses: splathing of
impacted water;	slips / trips / falls ; noise	
PPE is level C with	h level Box-hand: use safe di	stances Marine around treach asa
when taken photos +	h level Bon-hand; use safe dis measurements; air monitoring no lown grade PPE based on air moni decon zones; Heritage in level Bs	h breathing zone using PID 4- gas
RAM: upgrade/a	lown orage PPE based on any moni	toring: resp. cartifaces are OV/P/
okserie exclusion a	decon zones; Heritage in level B;	to remove & over pack drums
Visitors are to sign i	a fout uf lahokin PD; smakin	a limited to support vehicles our
exclusion zone; se	in fout u/ Cahokin PD; smaking regate wastes; observe lines of	of communication: Heritage/086
TENDANCE		
PLOYEE NAME (print)		
on bert - Perco	EMPLOYEE ŞIĞNATURE	COMPANY
	EMPLOYEE SIGNATURE	COMPANY Se Zutiak
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en LAFFERTY  CUTTA RESERVATION  MIKE REECE  MIKE RESERVER  TOM LEURSIE  CE KANY  KRUPET	July Fase  Super Kessunge:  179 M  Fase  C 1700  QUIRED.  At Have din E	MAUZERCK.  MAG  OBG  OBG  HES  OBG  HES  OBG
EN LAFFERTY  LITTA RESERVE  MIKE REECE  STEPLE KESSINGER  TOM LEURSIE  LIM LEURSIE  FADDITIONAL SPACE IS REE	QUIRED.  QUIRED.  PRINTED NAM	MAUZERCK.  MAGO  DEG  MEGO  DES  DISC  MESS  DISC  MESS  MES
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C \Sugar OBG Forms SAFLOG WPD

## **WORK FORECAST**

Work Forecast for the day week: 14 FEDOO	Date: // FEBOO
Project Name: Solutia - Sauget Area/ Project Location	6
Company Name: O'Brien + Gere	
1. List Work Items and Locations Scheduled for Next Day Week:	
· Perform interior trending at Site G	
· Set up for boundary trenching (S. bound	day) at Site 6
· Mobilize equipment to Sauget/ Cahokia ;	for alluvial
4 y w rei sampling activition	<del></del> -
	. 1887 - 1888 - 1888
cc: K. Perry 11FE800	
E. Kenpar C/700	
	10 of 11 of 140000 Million and 1
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DHawsdink Do Ham	le / 11 FERCO

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

Name/Signature/Date of Preparer

## SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

	Name	Organization	Phone #	Time In	Time Out
	unter fer	Solutra	314-671-7402	OE W	17.30
113919	Lendove	MALTERICE		0655	148
111	MIKE Recce	686		0700	1600
120	"CHAD KRIETER	084		670c	1600
111-11	Dave Haverdink	ABG HES	314-280-6435	0705	1730
	DILOT	HES		0715	1500
	B Kossinger	1/		0715	1500
27/	Predis Interesis Tim Gonger	Calakio Palis	615377-950		1515
24/	[~Tecksis	006 USACE	314-240-6133	0102	1230
वे ।।	Tim Gover	USACE	400 293 394	1500	1236
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SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print) SiteL Interior trenching

Date	Name	Organization	Phone #	Time in	Time Out
2-11-00	Mike M'Heer	Us El'A	<del>0935</del>	0935	
2/1/0	Mike M'Heer Tim Crange	Us El'A USA (E	402 393-2514	Clast	
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INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)			
	REPORT NO.	108	
PROJECT	DATE	14 February, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR	WEATHER	Cloudy, Temp. 38°F	
O'Brien Gere			

## CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: Complete
- 3) Background Sampling: Complete
- 4) Boundary Trenching (Follow up Inspection): OBG will go back to Site G and do additional trenching to the South to identify the fill boundary.
- 5) Waste Source Trenching (Preparatory Inspection). Inspection was good. USACE provided comments concerning identifying and documenting label information on exhumed drums, containers, etc for cost recovery actions and to identify source of greatest magnetic anomaly before backfilling commences for any site. Solutia and OBG concurred with the input.

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Follow Up Inspection (Waste Depth Trenching). OBG moved to Site G to begin interior Waste Trenching. Several drums pieces were located but were not removed. One partial drum contained some solid material which when exposed to air began to react and started smoking. The drum was photographed then covered with soil.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO  $\underline{YES}$  finding of fact?

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) None

Information, instructions or actions taken not  1) None	covered on	QCR report or disagree	ment:	
SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)				
1) None				
REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)  Kemper returned to the site and Gouger back to Omaha. McAteer is working with Solutia and Cerro on gaining access for trenching on Site I				
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE	
	02-14-00			

## DAILY WORK LOG

	DATE 02-14-00
PROJECT NAME Solutio - Souget Area 1 PROJECT	LOCATON <u>Site G</u>
VEATHER 37°F, OLGCAST PRECIPITATION N/A	TEMPERATURE 37°F
NUMBER OF HOURS WORKED 39 NUMBER (	OF EMPLOYEES 5
1 ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA. 2 INSTRUCTIONS RECEIVED FROM SOLUTIA. 3 INSTRUCTIONS RECEIVED FROM USEPA. 4 DEVIATIONS. 5 VISITORS (NAMES & TITLES). 6 EQUIPMENT. 7 LUNCH MEETING COMMENTS. 8 UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, PREMARKS).	
1) : Completed interior trench at Site G : Stoked alluvial aguifor samp. location	s on sike Het
Q Nove	
J Nove 4) Nove	
5) See visitors logs	
6) Track hor, Has equip, monitoring equip.	support rehides equip-
7. None 8. None	
? None	
ce: K. Peny 14 FERO	
E. Kenper @ 1730	
IF ADDITIONAL SPACE IS REQUIRED,  PECOPO ON REVERSE SIDE  PRINTED	NAME ISIGNATURE OF PREPARER / DATE

Cu-cus Francourtos was

# SAFETY MEETING FORM (Trenching)

CONDUCTED BY / COMPANY	X Haverdak 1011	Prien + Core	DATE 17 FEB CO
		JECT LOCATION	C: (
PROJECT NAME Solutia - S	•		-ite G
NEATHER <u>Overcast</u>	PRECIPITATION :	(283 y	TEMPERATURE V3517
NUMBER OF HOURS WORKED		IBER OF EMPLOYEES	
1 SCHEDULED WORK: 2 REFERENCES TO APPROPRI	ATE SECTION OF ESD & HA	00	
3 HEALTH AND SAFETY ISSUE			
4 SPECIFIC HEALTH AND SAFE			
5 COMMENTS		The state of the s	
1 Trenching in fill are	थु		
		, , /	
2 FSP # \$= 5.5	HASP# 2.1, 2	4, //	
3 Potential contact wi	th hazardous motoria	Is and wastes;	treach caving; breathing
of impacted vapors	and dust; exposure skips / trips / falls;	to combustible a	eses; splashing of
impacted water;	slips / trips/ tells;	noise	
4 PPE is level C with	level Bon-hand; u	se safe distances	morning around treach, exp.
when taking photos +	measurements; air r	ionitoring a breat	rang zone using PID 4-gas; resp. cartridges are OV/Pic
RAM; upgrade/d	own grade PPE based a	and Monitoring	; resp. certifies are Of Plo
assive exclusion +	deson zones; Helltage	in level 15 to M.	more our pack drums
exclusion zone; seg OBG / Solution ATTENDANCE	regate wester; obse	rive lines of com	ed to support rehicles out munication: Heritage/DBG.
EMPLOYEE NAME (print)	EMPLOYEE SIGNATU	RE	COMPANY
Man Jer Jer	Equality 1	200	30/170
Brent Kessinger	Bunta issur	477	HES HES
10m 13116	WAR L		0/36
KEITH Bautes	2 1/2		CAHONIA PD
KEN/AFFERTY	12.11		MALEKKK
Nick Jentins	Tick In him	<del>, , , , , , , , , , , , , , , , , , , </del>	08/5
William E Wright	Afthew I was		
COLIN L'ELLENKAMP	Low Wally		300
		<del></del>	
CC! K. Perry 14FE			
E. Kemper	/730		
	^	, 7.	
IF ADDITIONAL SPACE IS REC	QUIRED. DE	Haverdink 18	Heneralan 1
RECORD ON REVERSE S	IDE	PRINTED NAME / SIGN	NATURE OF PREPARER
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	-	14 56 8 00	ATE.

# SAFETY MEETING FORM (sediment sampling) surveying

ONDUCTED BY / COMPANY DE Havo	dint 10' Bren & Goe	UATE /// EX 00
OJECT NAME <u>Solutio - Sauget Area</u>	PROJECT LOC	ATION Dead Creek
ATHER <u>overcout</u> PREC	CIPITATION foggy	TEMPERATURE ~35°
MBER OF HOURS WORKED	NUMBER OF E	MPLCYEES
SCHEDULED WORK		
REFERENCES TO APPROPRIATE SECTION		
HEALTH AND SAFETY ISSUES WITH SCH SPECIFIC HEALTH AND SAFETY ISSUES R		
COMMENTS	REQUIRING AT LENTION	
Soliment sampling - survey	ing	
FSP = 5.20 HA	15P # 2.9	
Potential contact with impact vapors; slips/trips/falls	ited sediment + Wat	bun the back muscle strain
		, , , , , , , , , , , , , , , , , , , ,
PPE is level D with rubber bo	ets or waders ( de	madike on creek conditions)
trucks or aprens during saw	aline statistics	is har aloves air monitoring
breathing ZOAR with the PID	the wests in 1/2	ter wer 2 ft does
PPE is level D with tubber bo ty webs or aprens during saw breathing zone using the PID	77 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7	De Garage
Sugregate wastes, gloss eguilo- a	da / ( /	and design the in the
- paregare vastes, gross eguns. a	secon before reality of	rece, and with course in its
area, stoking in support relider	confe	
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TENDANCE		
	YEE SIGNATURE	DOMPANY
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metrius Hamptils		ZEI
im Tedes ()	7 P. his	036
emetous Hampths Att	words Peak	LET
sen lafted y	Call 4	MAURICK
	011	AND THE PARTY OF THE STREET CONTROL OF THE S
CC: K. Pern 14 FEBOD		
E. Kenner @ /730		
	<u> </u>	(8 5 )
F ADDITIONAL SPACE IS REQUIRED.	HE Have dink	1DE Hamerdon
RECORD ON REVERSE SIDE	PRINTED I	NAME / SIGNATURE OF PREPARER
		_
•		1 FEDOO
		DATE

# WORK FORECAST

Work Forecast for the day week: 02-15-00	Date: <u>12-14-00</u>
Project Name: Solntia-Sauget Area   Project Location:	site G
Company Name: O'Brien & Gere	
1. List Work Items and Locations Scheduled for Next Day Week:	
· Perform boundary trenching at site Gid	n S boundary
· Hold prepatory inspection meeting for Alluvial Aqu	ufer Sampling
· hegin Alluvial AbulFER sampling activities.	
•	
	and the second of the second o
CC: K. Perry 14Fasoo E. Kemper C 1730	
Michan & Jewhins/Nuk leut	drs/02-14-00.
II ADDITONAL SPACE IS REQUIRED, Name/Signature/Date REGORD ON REVERSE SIDE	e ogrreparer

Solutia Inc. Sauget Area 1 (Please Print)

A A A				
Marie and	Name	Organization	Phone #	Time in
	FIGHT 1 16 10	Solutia	2015-15-15	
W.DO	Dave Haver sink	obo	3/4-280-6425	de S.S.
1.00	Kein Bewens	CAHOULA PD	337-9505	6705
マテク	KON LAWEE FITY	MARKICK		0705
714	it imicoles cs	<u>ari</u>	3/4-780.0433	らいり
111111111111	Hivenkins	O14 C	314 guz 4550	U789
( C)	COLIN WELLENKAMA	086	842-4550	
11/00		Hes		735
MALLON	Jom Mullo	HEC		735 股
MAIN.	Bill Wysold	08	6250-6434	0760
	Denotions Hamphon	ŽLI.	314 664.1900	080
2/14/00	KKN, COOK	751	314 664-1900	0800
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Solutia Inc. Sauget Area 1 (Please Print) Site G Interior trenching

Date	Name	Organization	Phone #	Time in	Time Out
114 L	El Keyne	RKW	314-564-5334	7.45	1104
1214	Wit Wright	081-	314 281-1434	10/36	1046
14	WEWKILT	06,6	//	110.8	1343
	WEUL-AL	432 T.	11 11	14115-	1615
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INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WII	LL BE ATTACHED TO OR FILED WITH THE QAR.
	REPORT NO.	109
PROJECT	DATE	15 February, 00
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.	
CONTRACTOR	WEATHER	Cloudy, Temp. 58°F
O'Brien Gere		

#### CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 1) Sediment Sampling: Complete
- 1) Background Sampling: Complete
- 2) Boundary Trenching: complete (except Site I)
- 3) Waste Source Trenching (Preparatory Inspection). Inspection was good. USACE provided comments concerning identifying and documenting label information on exhumed drums, containers, etc for cost recovery actions and to identify source of greatest magnetic anomaly before backfilling commences for any site. Solutia and OBG concurred with the input.
- 4) Alluvial Aquifer Sampling (Preparatory Inspection). PVC casing to be installed 5 and 20 feet below fill material prior to sampling event to minimize carry-down of contaminants during sample collection.

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Follow Up Inspection (Waste Depth Trenching). Moved to Site H, OBG will begin there tomorrow.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO YES finding of fact?

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) None

Information, instructions or actions taken not	covered on	QCR report or disagree	ment:
1) None			
SAFETY: (Include any infractions of approved s From Government personnel. Specify corrective			uctions
1) None			
REMARKS: (Include visitors to project and misc	ellaneous r	emarks pertinent to wor	k.)
In order witness first hand and to document wi inconvenience to Solutia, Weston will don Leve This was initiated per request from Mike McAte	el-C equipme	nt and enter the Exclus	
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
	02-15-00		

### DAILY WORK LOG

PROJECT NAME Sauge + Area, 1 PROJECT LOCATION PRECIPITATION NUMBER OF HOURS WORKED NUMBER OF EMPLOYEES ITEMS WORKED ON (ITEM NO , DESCRIPTION, STA. TO STA., FOREMAN) 2 INSTRUCTIONS RECEIVED FROM SOLUTIA 3 INSTRUCTIONS RECEIVED FROM USEPA 4 DEVIATIONS 5 VISITORS (NAMES & TITLES) 6. EQUIPMENT **LUNCH MEETING COMMENTS** UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) REMARKS: exclusion some + miles Bee above none

IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

### PREPARATORY INSPECTION MEETING

Conducted by/Company: William E	Weight	Obrien & Gere	>	Date: 00-15-00
Project Name: Sauget Area 1/5	idutia	Task: A	wat how #	C. Sampling Kasing
<u>'</u>			astallato	<u> </u>
1. Scheduled Work: 145 to 11 CASING	to-3 +-07	o helaw till	at 5/25 1	2.14
2. Equipment, Procedures, Personnely 1993. Ref. To App. Sec. of FSP/HASP:	na Lotaly y	10,01d, 9505	el? Cocko	7 4
4 Issues that could arise and how to reso	olve:	1 ) O / H	- 1 /	2.7 /. /a.di.
4. Issues that could arise and how to reson.  5. Solutia comments:	CAP HOUS	e to the hora	SOUL SHOT STOLL	ASLANDE SIGS
6. EPA comments:				11120/
1) Tucker OD Surface Cache	: for all	mistariation	Famuling	15 10 mud
DInstall surface casing votary drilling methods set at 5 and 20	at site. below t	H land I	et fill	ising to live
2) And rotary rig, mud	·	,		vel & PPE
3.) FSP - Section 5.8				
Bexpusure to impacted		,		
1.) if refusal encountered be grounded and the local	form mox	to approved a ed	lopth, the	bure chale will
ATTENDANCE:				
EMPLOYEE NAME (print)	EMPLOYE	E SIGNATURE	COMPAN	Y
MARK T MCNAMARA	mark	1 9th House	- LAYA	ve
tikkenye			REW	
- Strange	199	and the same of th	Layon	
Chris Mazdra	Chy X	The state of the s	Lay 11.	<u>e</u>
MANLAFFERTY	6	7 45	MANG	UCF
In lederco	The state of the s	4	<u> </u>	J.
jumped y resort	few !		20/	112
IF ADDITONAL SPACE IS REQUIRECORD ON REVERSE SIDE		William F. W.	oht Afille MEISIGNAT	Ling Enfuglt  WHE OF PREPARER
CC: K. Perry 15 FEDOD		February 15,	2800	
E. Kemper @ 1800			DATE	

DISTRIBUTED BY COMPANY Derien & Cece William E. Wright  ROJECT NAME Sauge & Area PROJECT LOCATION FRAUGET IL  EATHER FILLIAM PRECIPITATION MORKED  SCHEDULED WORK  REFERENCES TO APPROPRIATE SECTION OF FSP & HASP 3 HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK  SPECIFIC HEALTH AND SAFETY SSUES REQUIRING ATTENTION  COMMENTS  Allumal Hamber casing installation Sike I. from H  PED Section S. & HASP Sational H  PEDSIBLE Castoot halk impacted soils/hater chagaids assiciated with the doubles of the crop safety hadron objects, punches, screpes); slips for 1/2, falls; worth for velication of the content of the	- <b>\</b>
OJECT NAME Aught Hier PRECIPITATION PROJECT LOCATION SAUGET IL  EATHER PRECIPITATION PROPERTURE  MBER OF HOURS WORKED NUMBER OF EMPLOYEES  SCHEDULED WORK:  REFERENCES TO APPROPRIATE SECTION OF FSP & HASP  3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK  SPECIFIC HEALTH AND SAFETY SSUES REQUIRING ATTENTION.  COMMENTS  Alluvial Hamber casing installation. Side II. Hunt H  PSD Section Side HHSP Tation Side II. Hunt H  PSD Section Side HHSP Tation Side II. Hunt H  PSD Section Side HHSP Tation Side II. Hunt H  PSD Section Side HHSP Tation Side II. Hunt H  PSD Section Side HHSP Tation Side II. Hunt H  PSD Section Side HHSP Tation Side II. Hunt H  PSD Section Side HHSP Tation Side II. Hunt H  PSD Section Side HHSP Tation Side II. Hunt H  PSD Section Side HHSP Tation Side II. H  PSD Section Side HHSP Tation Side II. H  PSD Section Side II. H	0
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REFERENCES TO APPROPRIATE SECTION OF FSP & HASP  HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK  SPECIFIC HEALTH AND SAFETY SSUES REQUIRING ATTENTION  COMMENTS  Howard Haputer casing install thing. Sike I. thing It  PSP Section 5.8 HHSP Sation 3.4  POBULLE CONTact with impacted sois/water haputes assurated with the drilling shall follow shall follow shall follow by shall follow objects, pinches, scropes); slips, tops, falls; watch for veh there and the pendent upon brombing zone monitoring	- As or
HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK  SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION  COMMENTS  Alluvial Hamiler casing installation Side I, from H  ESP Section Side HASP Sation 2 H  POSSIBLE CONTACT Late impacked soils/water hazirds assuaked with the drilling they shaft falling objects, pinches, scropes); slips to 125, falls; watch for Web terro Caser  Monitoring of breathing zone with and and 4gas meer, lever C in may be downgrated dependent upon breathing zone Monitoring	19
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tary shalf falling objects, pinches, scrapes); slips, fails; watch for web there caper montering of breathing zone with and and the meet, lever " in may be downgrasted dependent upon breathing zone montaring	16 rig
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Ken CARRELLE TO THE MARKER	<u> </u>
TinTegesia ITPM, OBG	
Klubert y lerry Bully 1	a section and an arrangement of
	an energy and and a second and a
CL: K. Perry 1SFEB00 E. Kampus Q1800	
	7 ,
RECORD ON REVERSE SIDE William To Wright / Milliam To Wright / Manual Signature of Pres	f
That was 11 200	AŔĒŔ
Thinking by doll DATE	ARER

SAFETY MEETING FORM

CONDUCTED BY / COMPANY : /	intedesu/OBnadbe	DATE 15 FOSOO
PROJECT NAME Solutia - S	/	$C \cdot C$
WEATHER OUSCEST	PRECIPITATION	temperature ~35°C
NUMBER OF HOURS WORKED _	NUMBER OF E	MPLOYEES
3 HEALTH AND SAFETY ISSUE	ATE SECTION OF FSP & HASP ES WITH SCHEDULED WORK TY ISSUES REQUIRING ATTENTION	
1 Trenching in fill are	?ar	
Q FSP# 5.1	HASP# 2.1, 2,11	
of impacted vapols impacted water;	and dust; exposure to com- slips / trips / fells; noise	distances morning around treach, esp. onitoring; resp. cartildes are Of/Picc
exclusion zone; seg OBG / Solution	regate westes; observe line	king limited to support vehicles outs
ATTENDANCE EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
	EMPLOYEE SIGNATURE	COMPANY SECTION
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Coun Wellenkank	John Hellely o	
JIMMY JONES	ama ma	CAHOKIA POLICE WIT.
the Correction	- to flow	MALKRICK
Dave Havedink	low Stander	086 086
CC: K. Perry 15 FA	73 00 /800	
IF ADDITIONAL SPACE IS REC	DUIRED, /im/edesc	THPLL
RECORD ON REVERSE S		NAME / SIGNATURE OF PREPARER
		DATE

# WORK FORECAST

Work Forecast for the day/week: 02-16-00	Date: 02-15-00
Project Name: Solutia, Sauget alla   Project Locat	ion: Lite H
Company Name: O'Brien & Leve	
1. List Work Items and Locations Scheduled for Next Day/Week:	
· Begin interior trenching @ site H.	
· Continue installation of allowial aquifer casing to	site I
1	
a! K. Amy 158600	
E. Kanger C 1800	

Solutia Inc. Sauget Area 1 (Please Print) Sites 64H trenching / set-up

	Name	Organization	Phone #	Time in	Time Quit
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### SITE VISITOR LOG Solutia Inc. Sauget Area 1 (Please Print)

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	bertylen	solutia	314-674-3402	Oryo	1755
TATA	atedesco	006	314-280-6433	010G	1640
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	My Janes	CAHOKIA F D	414 37715US	0703	1575
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1 1 10 2	I a land	MAVELICK		0705	1830
2000	LIN GRELLEKAMP	236	842-4550	0000	1800
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	om Onlo,	HES		730	1445
Day		086	3/4 280 0.475	0745	1100
1 197		KFW		<b>\$</b> (\$C)	1830
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INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)			
	REPORT NO.	110	
PROJECT	DATE	16 February, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.	-	
CONTRACTOR	WEATHER	Cloudy, Temp. 49°F	
O'Brien Gere			

#### CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: Complete
- 3) Background Sampling: Complete
- 4) Boundary Trenching: complete (except Site I)
- 5) Waste Source Trenching (Preparatory Inspection). Inspection was good. USACE provided comments concerning identifying and documenting label information on exhumed drums, containers, etc for cost recovery actions and to identify source of greatest magnetic anomaly before backfilling commences for any site. Solutia and OBG concurred with the input.
- 6) Alluvial Aquifer Sampling Sites H and I (Preparatory Inspection). PVC casing to be installed 5 and 20feet below fill material prior to sampling event to minimize carrydown of contaminants during sample collection.

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Follow Up Inspection (Waste Depth Trenching). Site H uncovered some partial drums (no identifying labels) and a lot of what looked like house hold garbage, bricks, boards, dishes and bottles. No PID readings encountered. Weston was in the Exclusion Zone the entire time verifying what was exumed.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO  $\underline{YES}$  finding of fact?

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) None

-			
Information, instructions or actions taken not  1) None			
SAFETY: (Include any infractions of approved s From Government personnel. Specify corrective			uctions
1) None			
REMARKS: (Include visitors to project and misc	ellaneous re	emarks pertinent to wor	rk.)
In order witness first hand and to document wi inconvenience to Solutia, Weston will don Leve This was initiated per request from Mike McAte	1-C equipmen	nt and enter the Exclus	
OBG will finish the Waste Trenching today and equipment and the sub. No word has come autho Gouger were notified on voice mail by Kemper. Gouger and McAteer and discussed the days even	rizing trend Kemper rece	ch work on Site I. McA	teer and
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
S///_	02-16-00		

## DAILY WORK LOG

=== 2-16-2000

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FOLEST NAME SOLUTIA - CAUGETARRA 1	_ 480JE0T100AT0%	SAUGET, IL
EATHER PARTLY CLOUDY PRESENTAT	ion <u>wone</u>	TOMPERATURE
UMBER OF HOURS WORKED 49	NUMBER OF EMPLOYES	ES <u>5</u>
: ITEMS WORKED ON (ITEM NO DESCRIPTION ST	TA TO STA FOREMAN)	The second secon
NSTRUCTIONS RECEIVED FROM SOLUTIA		
NSTRUCTIONS RECEIVED FROM USEPA		
: DEVIATIONS		
VISITORS (NAMES & TITLES)		
EQUIPMENT		
LUNCH MEETING COMMENTS		
UNUSUAL EVENTS (FIRE FLOOD, STORM LABOR	R DISPUTES ETC )	
REMARKS		
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CC: K. Perry > 3/16/00C1 E. Kemper >	800	
		1 21/600
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IF ADDITIONAL SPACE IS REQUIRED.	1/1 am to Wright //	pelley/ Johnahr
RECORD ON REVERSE SIDE	PRINTED NAME / SIGN	ATURE DE PRÉPARER / DATE

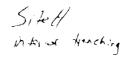
SAFETY MEETING FORM ( Alluma) aguifor samp - casing installation CONDUCTED BY COMPANY William E. Wordt == CLECT NAME SHINING - Sound E--- Cloudy none NUMBER OF HOURS WORKED Number of Evalor EEs SCHEDULED WORK REFERENCES TO APPROPRIATE SECTION OF FSP 3 HASP HEALTH AND SAFETY ISSUES WITH SCHEDULED COMMENTS with harnobus materials overhead follow objects, moving parts prosected lines unise from Estaust and roll over a begathing of impacted dust a vapors: 526 MAUERICIC Fich Keap IF ADDITIONAL SPACE IS REQUIRED. RECORD ON REVERSE SIDE Frebruary 16, 2000

ROJECT NAME Solutia - Sa	· ·	and the state of t
OULO I TOME DINHA DA	ruget Area / PROJECT LOC	ATION Size H
EATHER Loudy	PRECIPITATION NOTE	TEMPERATURE ~34°F
MBER OF HOURS WORKED	NUMBER OF E	MPLOYEES
SCHEDULED WORK:		
REFERENCES TO APPROPRIA  HEALTH AND SAFETY ISSUE		
	TY ISSUES REQUIRING ATTENTION	
COMMENTS		
D Treaching to fill are	es .	
D FSP # 3# 5.5	HASP# 2.1, 2.11	
Potential contact wi	th hazardens moterials and w	nstes; trench caving; breathing
of impacted vapols	and dust ; exposure to come ships / trips / fells ; noise	bustible gases; splatking of
impacted water;	slips / trips/fells; noise	
PPE is level C with	level Bon-hand: use safe	distances morning around treach, est
when taking photos +	MERSUREMENTS: air monitorina	in breating time using PID 4-ga on Horring: 1850. cartridges are Off of B to lemove + overpack drums
RAM: uperade/do	own grade PPE based on all Mi	onitoring: resp. cartifus are OVIF
observe exclusion as	decon zones ; Heritage in lev	of B to remove + overpack dryms
D Visitors are to sign in	fout U/ (a hokiz PD; small	king limited to support rehislas or s of communication: Heritage/DRG
ORG / Solution : seg	regate wastes; observe line	s of communication: Mentage/URG
TTENDANCE:		
MPLOYEE NAME (print)	EMPLOYER SIGNATURE	COMPANY
Brent Kessinger	Breat Kepsinsin	1165
Tombulle		HEC
1 21/1 10/11/2		
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THOMAS R. BALDON	Thomas R. Beld	CPD CA/17F2
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Ken LA FOR RTY  Mick Lakers  Dein Lenkamp  This desco	QUIRED, DE Hayerdin	086 086 086 FFCJ

# WORK FORECAST

Work Forecast for the day week: 2-17-00 Date: 2-16-200
Project Name: SOLUTIA-SAULET AREN 1 Project Location: SAUGET, IL
Company Name: OBRIEN & GERE CNGINEERS INC.
1. List Work Items and Locations Scheduled for Next Day Week:
- Complete vistallation of 3" surface casing at site I - Acron equipment - Mobiling to site H. - Begin drulling at site H for 8" surface Cosin for alluvior aquifer carpling,
CC: K. Folly 16 FEBOO
E. Kemor @ 1800
·
II ADDITONAL SPACE IS REQUIRED, William E. Wight Like Many Control of Hepares

Solutia Inc. Sauget Area 1 (Please Print)



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Solutia Inc. Sauget Area 1 (Please Print)

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	Die Haverdink	086	314 280 6435	0705	1745
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	Wick Janking	<b>୦</b> ୫ ଓ	314542 4560	0710	1745
Te ano	MARK TMOUSONALA	LAYNC	314-343-3700	0726	1630
6	Bastinas	Laura	343-3780	7:26	1650
3 6-20	Chris Mardru	Layne	343-3700	7:27	1630
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